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UNITED STATES DEPARTMENT OF AGRICULTURE
Bureau of Agricultural Economics

STATISTICS RELATING TO LEMONS AND LIMES
WORLD ACREAGE, PRODUCTION, AND TRADE

Washington, D.C.
April 1938

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LEMONS

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LEMONS

Italy and the United States are the world's leading producers of lemons. World production averaged about 22,500,000 boxes for the 10 years ending with 1936, but tended slightly downward because of the smaller crops in Italy. From 1932 to 1936, production in Italy averaged 12,200,000 boxes compared with 12,800,000 in the preceding 5 years. With an area of around 136,000 acres of lemon trees in 1936, however, Italy continues to be the largest producer and exporter of lemons and lemon products.

Production of lemons in the United States is increasing. The domestic industry is almost wholly within California where 61,200 acres were in lemon trees in 1936. Production in California increased from an average of 6,800,000 boxes in the 5 years 1927-31 to 8,100,000 boxes in the next 5-year period.

Spain, the world's most important orange producer, is of secondary importance as a producer of lemons. Production in that country averaged 1,600,000 boxes in the 5 years 1932-36 compared with 1,550,000 boxes in the preceding 5-year period. Lemons also are produced in a number of other countries, most important of which are Brazil, Australia, Syria, Greece, and the Union of South Africa. Of these the only producer of commercial importance is Syria, but production is increasing - particularly in Australia, Greece, Palestine, Cyprus, and Argentina. It does not appear likely, however, that the increasing production in these countries will result in an export surplus of significant proportions in the next 5 years.

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Production and plantings of lemons in principal countries are shown in tables on pages 6, 8, and 9.

World exports decline

Exports of lemons from the principal exporting countries of the world averaged 8,050,000 boxes from 1932 to 1936 compared with 8,450,000 boxes in the previous 5 years. The slight downward trend is chiefly explained by a decline in exports from Italy caused by reduced production and the effect of the economic sanctions which affected Italy's exports from about October 1935 to June 1937. Exports in 1937 totaled 5,986,000 boxes. The outstanding importing countries are the United Kingdom and Germany. See tables on pages 6 and 7.

Italy is by far the most important lemon exporting country. From 1927 through 1937 Italy supplied about 85 percent of the world exports of fresh lemons, or an average of 7,000,000 boxes a year. Exports from Spain averaged 570,000 boxes, exports from the United States 306,000 boxes and exports from Syria 243,000 boxes. Exports from other countries were small but the exports from Palestine, Union of South Africa, and Syprus show a definite upward trend. Exports of lemons by principal countries and world trade in lemons are shown in the tables on pages 6 and 7.

This information has been compiled under the direction of A. C. Edwards, Associate Agricultural Economist.

Production trend upward in United States

Lemon production in the United States has been on an upward trend since the industry first became of importance in California in the early 1900's. Since only two-thirds of the lemon trees of that State were in full-bearing in 1937, production may be expected to increase for a number of years. The small quantities of lemons produced in other states - chiefly in Florida, Texas, and Arizona - are largely consumed locally. See table page 9.

Exports from United States show increase

Exports of lemons from the United States showed a sharp increase in the 1935 and 1936 seasons, with unusually heavy exports to Europe, particularly to the United Kingdom. This movement was accounted for largely by the cessation of lemon exports from Italy to certain European countries while the war in Ethiopia was in progress. Exports from the United States to Europe in 1937 were small; however the total export movement to all countries of 256,000 boxes was about average.

The principal outlet for American lemons is Canada, although small quantities are exported to many other nearby countries and to the Far East. The principal markets in addition to Canada are Japan, China, the Philippines, and New Zealand. Exports continue throughout the year but the heaviest movement takes place during the spring and summer. See tables on pages 10 and 11.

United States imports small

United States imports of lemons have declined from an average of 730,000 boxes in the 5-year period, 1927-31, to 67,000 boxes in the 1932-36 period. The decline in imports is explained by the increasing production in the United States, which resulted in lower prices, and to the increase in the duty on imported lemons in 1930 from 2 cents to $2\frac{1}{2}$ cents per pound. Italy is the chief source of imports. See tables on pages 12 and 13.

Lemon oil imports also have declined sharply. Imports of unprepared citrus peel including lemon peel were larger in the last few years, whereas imports of prepared peel have dropped. See tables on pages 14 and 15.

Trend of production in Italy downward

Lemon crops in Italy in the past 3 years have been considerably below the average of 12,764,000 boxes produced in the 5-year period, 1927-31. The decline in production is attributed chiefly to the inroads of a disease called "mal secco" or "drying sickness." Loss of trees from this cause has become progressively more serious in the past few seasons. The Italian government has been unable to find a successful method of checking the disease. Approximately 136,000 acres were planted to lemon trees in Italy in 1936.

Exports from Italy declining

Exports of fresh lemons from Italy in the 5-year period, 1930-35, averaged 7,200,000 boxes which, although larger than the movement in either of the two preceding 5-year periods, was below the exports in the pre-war period, 1909-13. The decline in exports in past few years is largely explained by the effect of economic sanctions on Italy during the Ethiopian war and the smaller crops of the past few years. The sanction period was from October 1935 to June 1937.

Germany and the United Kingdom provide the most important markets for lemons from Italy. Other important markets are Czechoslovakia, France, Switzerland, and Austria. Exports to the United States have declined sharply with the rapid growth of the California lemon industry in the past 25 years. Exports to most other important markets have increased in the past decade.

Lemons are exported from Italy during each month of the year. Winter lemons are exported from about November to April and "Verdelli" or summer lemons from May to October, although the seasons overlap somewhat. Shipments are lightest during the 4-month period, July to October. Exports of lemons from Italy are shown on pages 16, 17, and 18.

Exports of lemon by-products vary

The volume of lemon by-products exported has varied markedly. The trend in exports of citric acid, and raw lemon juice has been upward, whereas exports of citrate of lime, concentrated lemon juice, and lemon oil have declined. The change in the exports of these by-products is chiefly explained by the imposition of trade barriers, competition from other producing countries, and changes in consumption habits.

Exports of citric acid averaged only 104,000 pounds in the 5-year period, 1909-13, but from 1932 to 1936 the average reached 3,656,000 pounds. The reverse has been true of citrate of lime. In the pre-war period exports averaged 12,477,000 pounds compared with 2,788,000 pounds in 1932-36. Exports of raw lemon juice jumped from an average of 2,000,000 pounds in 1909-13 to 8,900,000 pounds in the latter period under survey. Lemon oil exports declined slightly from 1,009,000 pounds in the early period to 971,000 pounds in 1932-36. Exports of lemon by-products from Italy, and exports of the most important citrus oils, are given in the tables on pages 19 and 20.

Spain important as summer exporter

Exports of lemons are made from Spain the year around but they are largely concentrated in the summer and fall months, from July to October, when supplies from Italy are at a low ebb. Out of a total average production of 1,600,000 boxes in the past decade about 600,000 boxes were exported. See table page 21.

Canadian imports chiefly from the United States

Imports of lemons into Canada have held fairly constant around 370,000 boxes a year for the past 11 years. About two-thirds of the imports have come from the United States and the balance from Italy. Imports are fairly uniformly distributed throughout the year but heaviest during the summer months. See tables on pages 24, 25, and 26.

LIMES

West Indies and Mexico are main sources

The commercial lime industry of the world largely centers in the West Indies and Mexico. Production in the West Indies has declined heavily in the past 20 years, due to tree diseases which have caused heavy mortality in the groves. The two most serious diseases are "red root" and "withertip." The extent of the injury is evidenced from data on production on the Island of Dominica. Here the crop declined from an average of 681,000 boxes in the 5-year period, 1922-26 to about 90,000 boxes in 1932-36. Disease resistant stock is now being planted and production is again on the increase.

As production in the West Indies decreased, Mexican output increased. Production in Mexico from 1932 to 1936 averaged 574,000 boxes, an increase of 33 percent over the previous 5-year average.

Limes are produced in a number of other countries, notably Egypt, where the annual crop is officially reported as approximately 5,000,000 boxes. Inasmuch as the size of the container is not definitely known, production may be substantially less in terms of standard boxes. In any event, limes produced in Egypt apparently are largely consumed within the country.

Production by principal countries is shown in the table on page 28.

Exports of lime by-products decline

Lime by-products are largely produced in the British West Indies, although in recent years several by-products plants have opened in Mexico. Because of the declining production of fresh limes in the West Indies, the output of lime by-products also has been reduced. The principal products are raw and concentrated lime juice and lime oil. See table page 29.

Production in the United States increasing

Limes are produced in most of the citrus producing states of the United States. The industry is of commercial importance, however, only in Florida and California. Production in Florida has been estimated for a long series of years but no official estimates are available for California. Florida's crop in the early 1920's totaled around 35,000 boxes a year but dropped to an average of only 10,000

boxes in the 10-year period from 1926 to 1935. There is every indication that a substantial increase may be expected in both Florida and California in the next decade. In 1936 the production in Florida was 45,000 boxes and it jumped to 110,000 boxes in 1937. Consumption has been stimulated by the repeal of prohibition and the adoption of effective distributing and sales policies by handlers and growers. See table on page 9.

Trend of imports into the United States upward

Imports of fresh limes into the United States have shown a rapid increase in the past 5 years, although the total is not very heavy. Imports from 1932 to 1936 averaged 82,000 boxes compared with 68,000 boxes in the previous 5-year period. Imports in 1937 increased to about 148,000 boxes. About 80 percent of the imports in the past 2 years have come from Mexico. Various islands of the West Indies supplied the remainder. The months of heaviest importation are from June to August, inclusive. Most of the West Indian limes enter at New York City, while those from Mexico usually cross the border at Laredo. See tables on pages 31 and 32.

WORLD: Estimated production of lemons in principal countries average 1927-31, annual 1932-37

Country	Harvesting ends in year shown						
	Average 1927-31	1932	1933	1934	1935	1936	1937
	1,000 boxes	1,000 boxes	1,000 boxes	1,000 boxes	1,000 boxes	1,000 boxes	1,000 boxes
United States (Calif)	6,805	7,696	6,704	7,295	10,947	7,787	8,102
Italy	12,764	10,651	17,755	12,575	10,895	10,130	8,202
Spain	1,553	1,538	1,714	1,724	1,582	1,481	1,479
Brazil	1/	1/	1/	1/	730	1/	1/
Australia	378	441	357	393	417	380	1/
Syria 2/	3/ 350	200	250	160	250	300	275
Greece	159	212	188	278	248	349	308
Algeria	107	101	136	112	99	1/	1/
Palestine 2/	20	15	30	30	45	70	100
Cyprus 2/	1/	15	15	20	20	35	60
Tunis	23	26	17	17	17	17	1/
Union of So.Africa 4/	210	200	190	185	175	160	160
Argentina 5/	1	2	2	6/	6/	30	2
Chile 5/	1/	10	2	6/	2	16	1/
Ecuador	7/ 5	5	1/	1/	1/	1/	1/
Italian Agean Is.	8/ 3	5	4	1/	1/	1/	1/
New Zealand	7/ 19	1/	1/	1/	1/	1/	1/

Bureau of Agricultural Economics. Compiled from official, consular and trade sources. Harvesting in Northern Hemisphere countries begins in fall of the year previous to the one shown. Harvesting in the Southern Hemisphere countries begins and end in the year shown.

1/ Not available. 2/ Estimate based on exports. 3/ 1 year only. 4/Estimated roughly from tree numbers. 5/ Exports. 6/ Less than 500 boxes. 7/ 4-year average. 8/ 3-year average.

WORLD: Exports of lemons from principal exporting countries, average 1927-31, annual 1932-37

Country	Year ended October 31						
	Average 1927-31	1932	1933	1934	1935	1936	1937
	1,000 boxes	1,000 boxes	1,000 boxes	1,000 boxes	1,000 boxes	1,000 boxes	1,000 boxes
United States	262	233	158	228	546	634	256
Italy	7,390	1/7,200	7,943	7,200	6,465	5,648	5,986
Spain	489	445	768	1,003	477	2/	2/
Syria	3/ 295	156	216	135	207	248	233
Palestine	11	8	20	21	31	50	81
Union of S. Africa	3	19	20	25	37	41	4/ 40
Cyprus	2/	7	6	9	9	26	42

Bureau of Agricultural Economics. Compiled from official sources and trade and consular reports. The exporting season for Northern Hemisphere countries runs from November to October. The exporting season in Southern Hemisphere countries begins and ends in the year shown. 1/ Calendar year.

2/ Not available. 3/ 1 year only. 4/ 6 months only.

LEMONS: International trade, annual, 1927-36

Country	Calendar year																			
	1927		1928		1929		1930		1931		1932		1933		1934		1935		1936	
	Exports	Imports	Exports	Imports	Exports	Imports	Exports	Imports	Exports	Imports	Exports	Imports	Exports	Imports	Exports	Imports	Exports	Imports	Exports	Imports
	1,000 boxes	1,000 boxes	1,000 boxes	1,000 boxes	1,000 boxes	1,000 boxes	1,000 boxes	1,000 boxes	1,000 boxes	1,000 boxes	1,000 boxes	1,000 boxes	1,000 boxes	1,000 boxes	1,000 boxes	1,000 boxes	1,000 boxes	1,000 boxes	1,000 boxes	1,000 boxes
Exporting countries																				
United States	308	849	251	943	266	634	206	1,056	258	271	218	104	168	115	227	26	546	2	638	6
Italy	7,152	0	6,435	0	6,643	0	7,824	0	7,577	0	7,089	0	7,882	0	7,241	0	6,244	0	5,004	0
Spain	373	0	331	0	602	0	672	0	403	0	433	0	853	0	939	0	582	0	3/	3/
Palestine 1/	5	0	18	0	13	0	8	0	8	0	20	0	21	0	31	0	50	0	81	0
Union of S. Africa 1/	2/	0	1	0	4	0	5	0	5	0	19	0	21	0	25	0	36	0	40	0
Algoria	9	3/	7	3/	10	2/	11	2/	8	2	5	2	5	5	4	14	4	3	20	2
Syria	3/	3/	3/	3/	3/	3/	295	3/	156	3/	216	3/	135	3/	207	3/	248	3/	233	3/
Greece	0	93	0	111	0	230	0	267	0	114	0	96	0	59	0	44	0	22	0	0
Cyprus	3/	3/	3/	3/	7	3/	3/	3/	7	3/	6	3/	9	3/	9	3/	23	3/	42	3/
Total	7,847	942	7,043	1,084	7,545	864	9,021	1,323	8,422	387	8,006	202	9,094	179	8,683	84	7,733	27	6,258	8
Importing countries																				
Canada	0	352	0	385	0	370	0	379	0	394	0	351	0	363	0	362	0	387	0	359
United Kingdom	0	1,779	0	1,612	0	1,914	0	2,114	0	2,007	0	2,075	0	2,610	0	4/2,200	0	4/1,906	0	4/1,401
Germany	28	1,696	27	1,621	22	1,810	27	2,102	28	2,186	11	2,038	6	2,194	3	2,181	2	1,732	5	2,150
Belgium	0	92	0	88	0	108	0	121	0	140	0	3/	0	3/	0	3/	0	3/	0	3/
Czechoslovakia	0	470	0	341	0	447	0	468	0	564	0	498	0	500	0	494	0	491	0	401
Poland	0	300	0	281	0	342	0	353	0	391	0	290	0	334	0	372	0	358	0	247
Rumania	0	228	0	201	0	203	0	202	0	199	0	202	0	183	0	211	0	131	0	118
Netherlands	28	182	34	165	35	183	33	232	29	220	8	202	1	219	2/	192	2/	191	2/	137
Hungary	0	210	0	197	0	191	0	195	0	189	0	163	0	183	0	162	0	153	0	180
Switzerland	2/	149	0	160	0	163	0	200	1	217	2/	233	2/	277	0	257	0	261	0	308
Yugoslavia	0	143	0	140	0	132	0	168	0	178	0	146	0	141	0	143	0	136	0	123
Egypt	2/	83	1	48	1	68	3/	3/	2/	65	2/	31	2/	41	2/	15	2	4	1	1
Argentina	1	3/	2	3/	1	3/	1	81	2	88	2	49	2/	48	2/	44	2/	55	2	36
Australia	4	11	5	7	5	19	9	2/	19	2/	12	2	3/	3/	3	2/	7	2/	3/	3/
Tunis	2/	9	2/	10	2/	8	2/	10	2/	8	2/	15	2/	15	2/	10	3	3	8	6
Grand total	7,908	6,646	7,112	6,310	7,609	6,822	9,091	7,948	8,501	7,233	8,039	6,497	9,101	7,287	8,689	6,727	7,747	5,835	6,274	5,475

Bureau of Agricultural Economics. Compiled from official, trade, and consular sources. 1/ Marketing year. 2/ Less than 500 boxes. 3/ Not available. 4/ Includes "limes and other citrus, not elsewhere specified."

WORLD: Lemon trees and acreage in principal countries

Country	Acreage	Trees		
		Total	Bearing	Non-bearing
	Acres	Thousands	Thousands	Thousands
United States (California)	1/ 61,178	2/ 5,261	2/ 3,677	2/ 1,584
Italy	1/135,905	3/13,590		
Spain	4/ 9,000	4/ 881		
Brazil	2/ 4,860	5/ 418	5/324	5/ 94
Australia	6/ 5,533	6/ 524	6/407	6/ 117
Greece	2/ 4,128	7/ 355	7/349	7/ 7
Algeria	8/ 1,176	2/ 101		
Tunis	9/ 751	9/ 52		
Union of South Africa	2/ 2,290	6/ 197	10/ 150	10/ 47
Argentina	2/ 1,814	6/ 156		
Chile	2/ 709	1/ 61	1/ 40	1/ 21
New Zealand	6/ 1,300	6/ 91		
U.S.S.R.	2/ 1,233	11/ 106		
Egypt	2/ 220	7/ 19		

Bureau of Agricultural Economics. Compiled from official trade and consular sources. 1/ 1936. 2/ Converted at 86 trees to acre. 3/ Converted at 100 trees to acre. 4/ 1933. 5/ Sao Paulo only. 6/ 1935. 7/ 1929. 8/ 1934. 9/ 1931. 10/ 1930. 11/ 1934. W. Georgia only.

UNITED STATES: Estimated bearing acreage and percentage distribution by age groups in California as of July 1937 1/

State	Bearing acres 5 years and over	Bearing trees 5 years and over	Bearing trees by age groups						
			5	6-10	11-15	16-20	21 and over	5-15 not in full production	16 and over in full production
	Acres	1,000 trees	Percent	Percent	Percent	Percent	Percent	Percent	Percent
Calif. 2/	47,139	4,054	9	17	8	18	48	34	66

Bureau of Agricultural Economics.
1/ Estimates based upon surveys by age groups made in 1936.
2/ Lemon trees calculated from acres at the rate of 86 trees per acre.

UNITED STATES: Production of lemons and limes and farm prices, 1921-37

Crop year	LEMONS - CALIFORNIA		LIMES - FLORIDA	
	Production	Farm price	Production	Farm price
	1,000 boxes	Dollars per box	1,000 boxes	Dollars per box
1921	4,320	3.45	33	2.75
1922	3,775	3.30	35	2.90
1923	6,432	1.60	40	3.00
1924	5,301	3.48	36	3.00
1925	7,316	2.11	30	4.00
Average	5,429	2.79	35	3.13
1926	6,967	2.81	12	6.50
1927	5,419	3.80	1/	-
1928	7,582	2.60	6	4.50
1929	6,109	3.70	8	5.50
1930	7,950	2.35	8	5.00
Average	6,805	3.05	2/ 8	2/ 5.38
1931	7,696	1.95	9	4.50
1932	6,704	2.10	10	4.00
1933	7,295	2.35	12	3.00
1934	10,747	1.41	15	3.50
1935	7,787	3.18	12	4.75
Average	8,046	2.20	12	3.95
1936	8,102	3.00	45	4.25
1937 3/	8,550	4/	110	4/

Compiled by the Bureau of Agricultural Economics. Harvesting of the crop begins in the latter part of the year shown and is finished in the following year.

1/ Negligible. 2/ 4-year average. 3/ Preliminary. 4/ Not available.

UNITED STATES: Exports of lemons by principal countries, average 1926-31, 1931-36, annual 1934-37
Year ended October 31

Country	Average 1927-31	Average 1932-36	1934	1935	1936	1937
	Boxes	Boxes	Boxes	Boxes	Boxes	Boxes
Belgium	0	535	0	2,562	99	0
France	2	741	0	3,654	51	0
Germany	74	352	0	1,740	4	1
Netherlands	1	5,135	0	12,162	13,515	0
Sweden	0	189	0	0	945	0
United Kingdom ..	1,537	75,319	16	117,627	257,339	0
Other Europe ...	72	1,301	0	1,102	5,397	72
Total Europe..	1,686	83,572	16	138,847	277,350	73
Canada	196,797	224,759	176,716	341,464	296,720	213,931
Costa Rica	3	2	0	0	0	0
Guatemala	4	1/	0	0	0	0
Honduras	33	8	0	0	0	0
Nicaragua	7	0	0	0	0	0
Panama	2,313	1,750	1,740	1,825	2,008	1,764
Salvador	1/	0	0	0	0	0
Mexico	1,766	670	1,234	828	695	704
Newf. & Labrador	179	425	88	635	1,135	735
Cuba	3,793	948	523	1,220	105	65
British Malaya	1,344	267	137	315	504	289
China	10,737	7,828	8,975	8,640	8,920	4,673
Hong Kong	2,430	3,125	2,832	4,112	3,899	2,902
Japan	17,044	19,307	18,385	23,271	22,132	15,029
Philippine Is. ..	6,641	6,117	4,819	7,232	6,618	5,372
New Zealand	12,369	6,317	7,500	11,072	8,347	7,614
Others	4,947	4,593	4,595	6,728	5,240	3,272
Total	260,407	276,116	227,544	407,342	356,323	256,350
GRAND TOTAL ...	262,093	359,688	227,560	546,189	633,673	256,423

Bureau of Agricultural Economics. Compiled from official records of Bureau of Foreign and Domestic Commerce.

UNITED STATES: Exports of lemons by months, 1926-27 to 1936-37

Month	1926-27	1927-28	1928-29	1929-30	1930-31	Average 1926-27 to 1930-31	1931-32
	Boxes	Boxes	Boxes	Boxes	Boxes	Boxes	Boxes
November	22,057	11,542	21,329	6,580	26,692	17,640	19,104
December	33,202	11,434	28,171	8,876	17,652	19,867	15,988
January	26,605	13,021	24,059	11,217	17,521	18,485	19,241
February	27,950	14,530	21,306	13,455	20,181	19,484	23,238
March	36,006	18,188	21,880	13,324	22,033	22,286	32,713
April	39,410	24,829	28,700	20,400	34,253	29,518	27,354
May	46,486	25,438	38,032	24,672	32,128	33,351	33,133
June	41,210	27,564	40,326	14,340	32,487	31,185	23,005
July	27,481	13,685	36,999	12,669	30,935	24,354	15,310
August	22,121	18,464	21,352	15,384	16,283	18,721	8,739
September	8,361	21,622	8,500	17,298	8,573	12,871	7,318
October	9,518	24,115	9,748	19,357	8,917	14,331	7,525
Total	340,407	224,432	300,402	177,572	267,655	262,093	232,668

	1932-33	1933-34	1934-35	1935-36	1936-37	Average 1931-32 to 1935-36
November	9,082	13,576	15,894	13,971	16,700	14,325
December	10,983	15,975	13,392	15,568	17,204	14,381
January	10,056	11,055	18,016	41,634	31,999	20,000
February	8,318	11,921	32,315	70,992	18,413	29,357
March	9,540	13,346	33,900	115,060	22,705	40,912
April	14,510	21,304	56,909	75,092	25,024	39,034
May	28,007	33,991	67,060	77,646	25,001	47,968
June	20,853	27,136	67,204	74,988	25,755	42,637
July	15,655	14,602	107,985	38,424	21,525	38,395
August	9,544	26,087	49,176	28,774	15,344	24,464
September	9,351	18,734	47,776	41,658	18,972	24,967
October	12,453	19,833	36,562	39,866	17,781	23,248
Total	158,352	227,560	546,189	633,673	256,423	359,688

Bureau of Agricultural Economics. Compiled from official records of Bureau of Foreign and Domestic Commerce.

UNITED STATES: Imports of lemons by countries and ports of entry, average 1927-31, and 1932-36, annual 1934-37.

Country and port	Year ended June 30					
	Average 1927-31	Average 1932-36	1934	1935	1936	1937
	Boxes	Boxes	Boxes	Boxes	Boxes	Boxes
Country						
Italy	724,464	91,037	50,068	10,287	84,154	29,955
Spain	119	0	0	0	0	0
Cuba	16	3	1	6	0	1/
Chile	27	65	0	0	0	595
Mexico	16	1	2	1	0	1/
Argentina	7	1	6	0	1/	0
Algeria	0	0	0	0	0	0
Jamaica	0	1	5	0	0	0
Others	22	30	0	11	7	356
Total	724,671	91,138	50,082	10,305	84,161	30,906
Ports						
New York	636,610	83,891	41,121	10,304	83,479	30,897
Boston	2,742	386	1/	0	562	0
New Orleans	84,653	6,523	8,954	0	0	0
Others	666	338	7	1	120	9
Total	724,671	91,138	50,082	10,305	84,161	30,906

Compiled by the Bureau of Agricultural Economics from the annual reports of the Chief of the Bureau of Entomology and Plant Quarantine. From 1927 to 1932 boxes were reported. From 1933 to date the figures were reported in pounds. These have been converted to boxes at 76 pounds to the box.

1/ Less than one-half box.

UNITED STATES: Imports of lemons by months, and principal countries, average 1927-31, 1932-36, annual 1932-37

Month and Country	Year ended October 31							
	Average 1927-31	Average 1932-36	1932	1933	1934	1935	1936	1937
	Boxes	Boxes	Boxes	Boxes	Boxes	Boxes	Boxes	Boxes
November	28,834	3,251	7,712	8,139	7	398	0	387
December	36,327	4,169	3,766	13,296	158	2,204	1,422	111
January	60,514	6,981	6,092	15,788	3,038	69	9,917	11
February	66,389	8,488	13,890	7,606	2,146	0	18,796	3,813
March	47,494	5,121	5,505	11,625	749	484	7,240	2,980
April	54,840	3,749	2,214	4,847	2,141	0	9,541	572
May	93,106	7,927	6,806	11,366	4,002	126	17,337	2,088
June	141,486	12,380	8,840	33,006	5,554	0	14,500	10,879
July	95,028	9,910	16,774	21,220	4,968	9	6,579	4,017
August	43,070	1,986	3,581	5,936	0	27	337	5,116
September	39,122	2,401	11,209	725	2	19	49	1,907
October	23,607	1,035	5,157	0	4	0	16	2,316
Total	729,817	67,398	91,546	133,554	22,769	3,336	85,784	34,197
By countries								
Italy	718,531	66,385	88,365	133,180	22,728	3,282	84,370	32,096
Others	11,286	1,013	3,181	374	41	54	1,414	2,101
Total	729,817	67,398	91,546	133,554	22,769	3,336	85,784	34,197

Bureau of Agricultural Economics. Compiled from official sources. Converted from pounds to boxes of 76 pounds.

UNITED STATES: Imports of lemon and lime oils, essential and distilled, by principal countries average 1928-31, annual 1932-36

Country and item	Average 1928-31	1932	1933	1934	1935	1936
	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds
LEMON OIL						
Italy	433,912	155,149	265,962	190,578	119,119	145,284
United Kingdom	10,236	9,434	3,825	1,405	8,500	2,214
Others	4,100	2,129	1,295	0	2,755	554
Total	448,248	166,712	271,082	191,983	130,374	148,052
LIME OIL						
United Kingdom	1/	1/	3,805	9,109	11,048	7,520
Mexico	1/	1/	4,968	2,898	23,875	20,576
Jamaica	1/	1/	2,724	1,073	2,750	2,383
Trinidad & Tobago	1/	1/	10,433	16,385	11,478	10,802
Other B.W.I.	1/	1/	17,170	15,621	11,015	9,289
Others	1/	1/	2,396	1,944	3,808	2,688
Total	2/ 46,615	2/ 38,671	41,496	47,030	63,974	53,258

Bureau of Agricultural Economics. Compiled from Foreign Commerce and Navigation of the United States. General imports except where otherwise specified.

1/ Not available separately.

2/ Imports for consumption.

UNITED STATES: Imports of citrus fruit peel, annual, 1930-36

Product and country	Calendar year						
	1930	1931	1932	1933	1934	1935	1936
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
Citron or citron peel (dried or in brine)							
France	0	0	0	0	44	6	56
Greece	66	0	102	667	519	112	790
Italy	93	1,203	1,097	2,037	2,049	2,537	2,394
Palestine	17	21	0	1/	12	10	11
Others	6	0	35	9	4	4	1
Total	182	1,224	1,234	2,713	2,628	2,669	3,252
Citron or citron peel (prepared)							
Italy	3,035	1,811	2,012	1,535	936	728	719
Hong Kong	0	0	2/	2	0	3	2/
Others	1,130	134	81	32	129	14	0
Total	4,165	1,945	2,093	1,569	1,065	745	719
Lemon peel (crude, dried, or brined)							
Italy	1/	1/	1/	1/	951	1,022	1,059
Others	1/	1/	1/	1/	0	12	0
Total	643	496	578	1,176	951	1,034	1,059
Lemon peel (prepared)							
Italy	1/	1/	1/	1/	242	155	170
Others	1/	1/	1/	1/	1	2/	0
Total	623	482	502	451	243	155	170
Orange peel (crude, dried, or brined)							
France	1/	1/	1/	1/	1	2	5
Italy	1/	1/	1/	1/	608	765	1,065
Spain	1/	1/	1/	1/	238	421	28
United Kingdom	1/	1/	1/	1/	59	14	12
Haiti	1/	1/	1/	1/	17	63	12
Others	1/	1/	1/	1/	32	23	18
Total	745	610	592	1,169	955	1,288	1,140
Orange peel (prepared)							
Italy	1/	1/	1/	1/	320	206	203
United Kingdom	1/	1/	1/	1/	5	2/	1
Others	1/	1/	1/	1/	6	3	0
Total	874	620	639	512	331	209	204

Bureau of Agricultural Economics. Compiled from official records of Bureau of Foreign and Domestic Commerce. All are imports for consumption except "citron or citron peel, dried or in brine and prepared" for 1930 to 1933, which are general imports.

1/ Not reported separately. 2/ Less than 500 pounds.

ITALY: Exports of lemons by countries, average 1909-13, 1922-26, 1926-30, 1931-35, annual 1935-37

Country	Calendar year						
	Average 1909-13	Average 1922-26	Average 1926-30	Average 1931-35	1935	1936	1937
	1,000 boxes	1,000 boxes	1,000 boxes	1,000 boxes	1,000 boxes	1,000 boxes	1,000 boxes
Austria 1/	1,364	256	336	318	272	546	267
Czechoslovakia ..	-	222	366	510	489	56	450
Hungary	-	91	199	180	171	144	151
Yugoslavia	-	99	147	123	101	78	105
France	88	323	289	457	553	366	560
Germany	983	1,178	1,825	2,198	1,886	2,261	1,823
United Kingdom ..	1,406	1,049	1,457	1,748	1,353	423	1,170
U.S.S.R. 2/	606	28	115	32	3/	3/	3/
Switzerland	86	167	178	299	258	394	242
Turkey in Europe	180	164	138	68	36	17	29
United States ..	2,415	1,065	919	169	44	111	228
Others	600	719	1,006	1,105	1,081	809	1,266
Total	7,728	5,361	6,975	7,207	6,244	5,205	6,291

Bureau of Agricultural Economics. Compiled from Movimento Commerciale del Regno D'Italia. Boxes of 76 pounds.

1/ Austria-Hungary.

2/ Includes Russia, Ukrania, and Georgia.

3/ Not separately reported.

ITALY: Exports of lemons by months and principal countries, 1933-37

Year and month	Year ended October 31			
	United States	United Kingdom	Germany	Total
	Boxes	Boxes	Boxes	Boxes
1933				
November	39,947	210,417	246,518	845,551
December	7,362	184,003	205,187	726,018
January	30,580	252,531	98,960	649,316
February	19,987	314,936	266,307	892,553
March	8,984	255,647	231,895	764,167
April	13,123	96,329	133,468	444,909
May	14,887	165,687	381,036	877,106
June	73,152	348,611	384,990	1,195,798
July	26,014	167,506	207,737	617,862
August	2,509	101,145	136,563	420,986
September	708	76,462	56,554	255,806
October	0	61,511	75,374	253,172
Total	237,253	2,234,785	2,424,589	7,943,244
1934				
November	5,720	139,104	201,173	717,098
December	6,530	227,529	197,033	764,065
January	15,128	243,417	187,530	747,725
February	5,735	146,348	106,677	450,864
March	5,436	223,433	208,741	770,000
April	14,585	183,478	205,799	648,405
May	12,378	179,347	427,486	917,853
June	27,891	217,234	234,915	779,996
July	1,506	136,807	217,733	572,752
August	966	69,532	71,803	269,480
September	1,288	35,503	38,720	169,444
October	1,711	75,479	113,688	391,818
Total	98,874	1,877,211	2,211,298	7,199,500
1935				
November	18,493	186,123	240,046	783,112
December	9,631	200,500	182,808	739,803
January	10,359	150,032	170,709	621,921
February	5,044	164,524	244,307	710,798
March	2,782	206,832	208,895	821,460
April	15	215,984	113,641	590,586
May	1,477	95,790	175,988	508,915
June	1,610	102,447	183,527	604,522
July	0	64,142	68,357	308,238
August	0	59,321	50,004	204,021
September	1,717	37,472	58,431	209,362
October	322	87,893	68,975	362,599
Total	51,450	1,566,060	1,765,688	6,465,337

Continued -

ITALY: Exports of lemons by months and principal countries, 1933-37, cont'd.

Year and month	Year ended October 31			
	United States	United Kingdom	Germany	Total
	Boxes	Boxes	Boxes	Boxes
1936				
November	13,228	173,215	174,688	751,421
December	7,739	1/	368,119	550,344
January	18,516	716	246,117	362,706
February	12,610	12,880	208,570	353,908
March	3,258	2,271	303,774	546,845
April	19,018	3,374	216,585	399,424
May	5,140	10,016	258,077	441,906
June	28,663	14,849	253,802	532,834
July	6,538	1,798	225,005	437,346
August	429	50,816	60,858	265,628
September	0	54,019	57,673	478,659
October	2,965	93,756	97,063	527,163
Total	118,104	417,710	2,470,331	5,648,184
1937				
November	7,997	118,303	145,536	582,870
December	1/	1/	1/	565,199
January February	2/ 36,512	2/ 305,581	2/ 393,575	2/ 1,332,800
March	7,417	78,890	170,166	538,207
April	7,675	42,212	168,495	415,686
May	28,677	73,248	158,447	475,854
June	27,212	107,796	129,346	642,937
July	6,286	70,602	93,803	321,433
August	24,729	102,067	77,289	374,411
September	870	52,780	69,932	281,571
October	667	83,670	121,752	455,432
Total				5,986,400

Bureau of Agricultural Economics. Compiled from Statistica del Commercio Speciale di Importazione e di Esportazione and consular reports. Converted from quintals to boxes of 76 lb.

1/ Not available due to sanctions.

2/ Not separately reported.

ITALY: Exports of citric acid, citrate of lime, raw lemon juice and concentrated lemon juice, by principal countries, averages 1909-13, 1922-26, 1927-31, 1932-36, annual 1935-37

Product and country	Average 1909-13	Average 1922-26	Average 1927-31	Average 1932-36 1/	1935	1936	1937
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
Citric acid							
France	6	486	744	304	418	49	329
Germany	17	429	721	286	195	414	93
United Kingdom	11	2/ 526	1,021	819	593	6	783
Netherlands	32	3/ 319	382	75	5/	5/	5/
Argentina	5	468	486	258	5/	196	608
United States	2	731	44	14	31	5/	2
Others	31	1,308	1,788	1,900	2,445	1,231	3,329
Total	104	4,267	5,186	3,656	3,682	1,896	5,144
Citrate of lime							
France	2,759	3/1,712	2,015	5/	5/	5/	6/
Germany	479	4/ 404	5/	619	444	2,202	6/
United Kingdom	2,786	2/3,584	1,983	443	2,215	5/	6/
United States	4,520	5,091	5/	5/	5/	5/	6/
Others	1,933	300	294	1,726	0	0	6/
Total	12,477	11,091	4,292	2,788	2,659	2,202	6/
Raw lemon juice							
United Kingdom	587	2/1,208	3,814	5,721	7,969	1,330	6,589
Germany	365	477	2,772	2,452	1,021	6,045	2,430
United States	458	54	170	27	5/	5/	64
Others	638	94	1,281	712	448	411	552
Total	2,048	1,833	8,037	8,912	9,438	7,786	9,635
Concen. lemon juice							
United Kingdom	535	2/ 61	40	5/	5/	5/	5/
Germany	4	5/	7/	5/	5/	5/	5/
United States	55	1,142	398	5/	5/	5/	5/
Others	199	16	16	9	2	11	22
Total	793	1,219	454	9	2	11	22
Orange oil							
France	26	51	44	11	5/	5/	5/
Germany	16	20	41	15	15	15	21
United Kingdom	23	39	60	27	26	2	20
United States	131	109	99	23	12	18	9
Others	41	36	62	30	32	16	18
Total	237	8/ 255	306	106	85	51	68

Continued -

ITALY: Exports of citric acid, citrate of lime, raw lemon juice and concentrated lemon juice, by principal countries, averages 1909-13, 1922-26, 1927-31, 1932-36, annual 1935-37, Cont'd

Product and country	Average 1909-13	Average 1923-26 8/	Average 1927-31	Average 1932-36 1/	1935	1936	1937
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
Bergamot oil							
France	72	158	118	85	98	83	91
Germany	13	32	49	40	59	59	29
United Kingdom	11	55	91	71	118	28	58
United States	30	77	94	62	86	81	71
Others	21	53	78	63	102	38	35
Total	147	375	430	321	463	289	284
Lemon oil							
France	92	190	165	122	123	61	98
Germany	58	148	135	127	199	101	90
United Kingdom	259	473	431	387	608	76	202
Netherlands	9	36	58	27	5/	16	35
U.S.S.R.	11	2	14	3	5/	5/	5/
Australia	34	55	41	33	40	19	22
United States	389	488	426	177	102	216	96
Others	157	142	129	95	100	50	53
Total	1,009	1,534	1,399	971	1,172	539	596
Mandarin oil							
France	1	2	1	2	5/	5/	5/
Germany	7/	1	1	7/	5/	5/	5/
United Kingdom	7/	2	5	6	5/	5	11
U.S.S.R.	7/	5/	1	7/	5/	5/	5/
United States	7/	4	3	1	5/	4	1
Others	7/	1	6	8	23	9	8
Total	1	10	17	18	23	18	20
Other citrus oils							
France	4	2	5	5/	5/	5/	5/
Spain	7/	7/	7/	5/	5/	5/	5/
United States	7/	7/	7/	5/	5/	5/	5/
Others	2	4	2	4	7	3	9
Total	6	6	7	4	7	3	9

Bureau of Agricultural Economics. Compiled from Movimento Commerciale del Regno D' Italia and Statistica del Commercio Speciale di Importazione e di Esportazione.

1/ Some countries not reported for all 5 years; 5-year averages taken of figures reported.

2/ Includes some exports in Ireland.

3/ Not reported separately in 1922.

4/ Not reported separately in 1925 and 1926. 5/ If any, included in others.

6/ Not available. 7/ Less than 500 pounds. 8/ 4-year average.

SPAIN: Exports of lemons by months and principal countries, annual 1933-35

Year and month	Germany	France	United Kingdom	Total
	Year ended October 31			
	Boxes	Boxes	Boxes	Boxes
1932-33				
November	0	17,846	7,390	27,618
December	789	13,579	1,830	17,352
January	0	5,306	0	5,883
February	386	7,646	479	9,538
March	586	7,568	4,244	13,091
April	667	10,266	3,699	15,838
May	3,478	19,531	11,313	33,524
June	14,838	46,268	30,798	111,112
July	5,129	44,991	52,493	115,124
August	14,304	43,471	38,873	104,643
September	37,481	45,595	53,583	147,830
October	26,919	17,025	113,963	166,775
Total	104,577	279,092	318,665	768,328
1933-34				
November	3,716	13,358	60,148	82,591
December	595	21,927	18,658	44,855
January	4,029	4,995	20,160	30,861
February	9,468	9,639	4,508	25,069
March	215	11,496	3,800	17,512
April	780	11,800	5,013	20,761
May	908	18,661	14,840	43,088
June	11,238	31,334	26,632	81,620
July	11,800	64,532	37,002	131,879
August	27,015	51,524	77,660	183,634
September	42,360	4,360	78,208	152,274
October	50,184	25,022	96,457	189,221
Total	162,308	268,748	443,086	1,003,365
1934-35				
November	2,170	15,911	26,586	49,545
December	589	9,059	1,636	13,291
January	64	5,976	2,718	9,897
February	75	13,001	2,854	17,550
March	131	7,870	2,466	11,223
April	583	8,038	3,461	12,833
May	789	9,654	3,319	14,252
June	4,238	13,822	3,757	26,142
July	6,770	14,698	8,476	10,350
August	4,421	55,321	31,949	107,390
September	11,316	7,464	50,448	79,383
October	28,953	13,622	91,862	124,661
Total	60,099	174,436	229,532	476,517

Bureau of Agricultural Economics. Compiled from Resumen Mensual de Estadistica del Comercio Exterior de Espana. Converted from quintals to boxes of 76 pounds.

SYRIA: Exports of lemons by countries, annual 1930-36

Country	1930	1931	1932	1933	1934	1935	1936
	Boxes	Boxes	Boxes	Boxes	Boxes	Boxes	Boxes
United Kingdom	69,971	10,080	17,979	531	20,396	99,474	105,899
Turkey	85,267	56,707	92,931	54,408	82,526	50,017	35,044
France	589	560	15,444	2,682	8,665	25,613	30,918
Rumania	648	1/	7,634	13,352	54,408	29,798	12,173
Belgium	4,156	1/	0	59	3,449	2,800	4,834
Netherlands	2,623	1/	0	2,682	3,449	6,897	4,274
Sweden	1/	1/	0	1/	1/	5,069	1,680
Egypt	46,863	72,387	59,684	56,295	17,006	10,876	854
Palestine	36,754	1/	0	1/	206	5,187	1/
Italy	4,981	973	15,444	88	1,238	4,008	1/
Greece	4,126	12,968	589	4,362	2,623	914	1/
Germany	16,918	1,356	6,366	1/	9,992	1/	1/
Other countries	21,693	1,091	0	472	2,682	7,663	37,785
Total	294,589	156,122	216,071	134,931	206,640	248,316	233,461

Bureau of Agricultural Economics. Compiled from the Weekly Fruit Intelligence Notes of the Imperial Economic Committee, United Kingdom. Converted from long tons to boxes of 76 pounds. 1/ If any, included in "Other countries."

SOUTH AFRICA: Exports of lemons by months, 1932-37

Month	Crop movement season (April-March)					
	1932	1933	1934	1935	1936	1937
	Cases	Cases	Cases	Cases	Cases	Cases
April	0	0	0	69	17	534
May	48	0	39	762	925	1,395
June	209	1,151	1,467	1,323	5,056	4,227
July	4,117	4,859	3,941	16,727	11,872	13,077
August	9,045	8,877	13,273	12,873	6,806	15,809
September	4,018	3,867	4,409	4,065	4,872	4,781
October	1,301	1,243	1,303	557	9,693	461
November	609	431	329	161	1,443	101
December	43	15	0	0	0	
January	0	0	0	0	0	
February	0	0	0	0	0	
March	0	0	0	0	0	
Total	19,390	20,443	24,761	36,537	40,684	1/ 40,385

Bureau of Agricultural Economics. Compiled from Crops and Markets of Union of South Africa. 1/ 8 month total, includes practically all exports for year.

CANADA: Imports of lemons by principal countries of origin, 1927-37

Year	Year ended October 31			
	Total	United States	United Kingdom	Italy
	1,000 boxes	1,000 boxes	1,000 boxes	1,000 boxes
1927	346.6	286.6	1.7	58.3
1928	380.5	245.8	4.8	129.2
1929	379.4	281.6	6.3	91.4
1930	374.8	217.3	7.5	148.6
1931	385.3	279.1	7.1	96.9
Average	373.3	262.1	5.5	104.9
1932	347.9	224.9	7.8	111.6
1933	383.6	153.2	14.3	128.2
1934	343.0	169.6	6.2	162.9
1935	402.6	312.5	.5	88.4
1936	347.7	309.3	1.0	31.7
Average	365.0	233.9	6.0	104.6
1937	377.7	214.1	2.3	148.8

Bureau of Agricultural Economics. Compiled from the Quarterly Report of Trade of Canada.

CANADA: Imports of lemons by months and principal countries of origin, 1934-37

Month and year	Year ended October 31			
	Total	United Kingdom	United States	Italy
	Boxes	Boxes	Boxes	Boxes
1934				
November	18,861	114	12,598	6,138
December	23,565	20	12,425	11,120
January	20,784	1,417	7,820	11,547
February	29,421	1,241	9,798	18,382
March	32,489	796	12,335	19,358
April	21,029	323	11,312	9,394
May	48,208	325	28,977	18,558
June	53,055	305	20,454	31,854
July	41,281	300	7,957	31,229
August	21,056	1,002	17,281	1,739
September	14,137	0	10,557	3,570
October	19,070	388	18,075	0
Total	342,956	6,231	169,569	162,889
1935				
November	31,749	425	14,110	16,225
December	30,038	55	8,960	21,003
January	19,534	0	10,643	8,887
February	37,161	0	23,106	14,025
March	44,374	0	28,936	15,638
April	32,242	0	30,175	2,067
May	32,857	0	32,857	0
June	42,486	0	37,686	4,800
July	47,989	0	45,240	2,700
August	32,963	0	32,589	300
September	24,484	0	21,763	2,700
October	26,554	50	26,391	100
Total	402,631	530	312,456	88,445
1936				
November	18,472	607	14,185	3,380
December	27,398	130	11,824	15,425
January	19,552	0	19,335	200
February	28,558	0	28,558	0
March	37,426	0	37,426	0
April	21,035	55	20,982	0
May	42,298	240	42,042	0
June	42,845	0	42,842	0
July	35,808	0	26,725	6,851
August	32,354	0	25,860	5,520
September	17,094	0	14,699	300
October	24,892	0	24,873	0
Total	347,712	1,012	309,251	31,676

Continued -

CANADA: Imports of lemons by months and principal countries of origin, 1934-37, Cont'd

Month and year	Year ended October 31			
	Total	United Kingdom	United States	Italy
	Boxes	Boxes	Boxes	Boxes
1937				
November	29,169	200	14,915	14,029
December	27,873	0	16,181	11,657
January	26,472	10	23,185	3,267
February	33,451	951	18,281	14,209
March	38,249	674	18,357	19,218
April	23,728	228	16,477	7,023
May	38,313	10	23,445	14,826
June	57,446	125	26,729	29,950
July	46,571	0	22,277	20,976
August	25,886	0	11,385	11,058
September	12,337	25	7,791	2,634
October	18,235	50	15,116	1/
Total	377,730	2,273	214,139	148,847

Bureau of Agricultural Economics. Compiled from Quarterly Report of Trade of Canada.
1/ Not separately reported.

CANADA: Imports of limes by months, 1931-37

Month	Year ended October 31						
	1931	1932	1933	1934	1935	1936	1937
	Boxes	Boxes	Boxes	Boxes	Boxes	Boxes	Boxes
November	5	21	260	18	101	79	41
December	8	31	34	14	76	142	84
January	35	10	26	13	15	98	46
February	22	23	0	32	63	92	169
March	22	47	24	6	144	117	243
April	52	121	186	7	280	152	177
May	183	254	176	250	616	902	644
June	197	469	1,914	2,065	815	4,080	4,732
July	742	591	4,222	3,478	3,603	3,897	11,138
August	1,099	497	4,087	2,203	2,250	3,166	1,138
September	63	570	2,018	46	296	561	32
October	89	612	220	8	46	120	1/
Total	2,517	3,246	13,167	8,138	8,305	13,406	18,444

Bureau of Agricultural Economics. Compiled from Quarterly Report of Trade of Canada.
1/ Not available.

UNITED KINGDOM: Imports of lemons and limes
by countries, 1929-1937
Calendar years

Commodity and country from which imported	1929	1930	1931	1932	1933	1934 1/	1935 1/	1936 2/	1937 2/
LEMONS	1,000 boxes	1,000 boxes	1,000 boxes	1,000 boxes	1,000 boxes	1,000 boxes	1,000 boxes	1,000 boxes	1,000 boxes
Germany	19	38	46	19	39	2	2	3/	3/
Syria	23	79	13	28	11	20	99	3/	3/
Spain	442	444	274	254	491	398	307	534	393
Italy	1,473	1,586	1,704	1,787	2,099	1,793	1,332	410	1,088
Others	22	25	26	19	8	2	167	388	121
Total	1,979	2,172	2,063	2,107	2,648	2,215	1,907	1,332	1,602
Union of South Africa	1	3	6	14	15	21	32	3/	3/
Other British countries	25	2	8	12	13	24	36	3/	3/
Total	26	5	14	26	28	45	68	134	117
GRAND TOTAL	2,005	2,177	2,077	2,133	2,676	2,260	1,975	1,466	1,719
LIMES	Boxes	Boxes	Boxes	Boxes	Boxes	Boxes	Boxes	Boxes	Boxes
Foreign countries	35	40	115	69	7	4/	4/	4/	4/
British countries	7,199	1,714	388	1,659	1,119	4/	4/	4/	4/
Total	7,234	1,754	503	1,728	1,126	4/	4/	4/	4/

Bureau of Agricultural Economics. Compiled from The Trade of the United Kingdom. Converted from cwt. to boxes of 76 lb.

1/ Includes "limes and other citrus fruit, n.e.s."
2/ Preliminary. Includes "limes and other citrus fruits, n.e.s."
3/ Not available separately.
4/ Included with lemons.

WORLD: Production of limes in principal countries, average 1922-26, 1927-31, 1932-36, annual 1934-37

Country	Harvesting year						
	Average 1922-26	Average 1927-31	Average 1932-36	1934	1935	1936	1937
	1,000 boxes	1,000 boxes	1,000 boxes	1,000 boxes	1,000 boxes	1,000 boxes	1,000 boxes
United States (Florida)	35	7	12	12	15	12	45
Mexico	1/	429	574	549	538	628	1/
British West Indies:							
Dominica 2/	681	379	90	78	59	61	80
St. Lucia 2/	115	90	95	96	98	83	49
Trinidad 2/	3/ 20	4/ 97	5/ 33	15	7	37	77
Jamaica 2/	1/	1/	17	23	11	19	24
Montserrat 2/	3/ 12	5/ 7	20	34	18	33	1/
Grenada 2/	1/	6/ 47	3/ 13	13	1/	1/	1/
St. Vincent 7/	1/	1/	5/ 4	5	4	2	2
Antigua 2/	1/	3/ 4	5/ 2	3	1	2	2
Greece	1/	3/ 9	1/	1/	1/	1/	1/
Egypt 8/	1/	1/	1/	1/	1/	5,017	5,126

Bureau of Agricultural Economics. Compiled from official, trade, and consular sources. Converted to boxes of 76 pounds. The West Indies barrel is assumed to be 165 pounds. Harvesting usually takes place in the United States from November to October. In the West Indies the harvest year is generally considered to be July to June.

1/ Not available. 2/ Estimated from fresh lime and lime products in terms of fresh exports. 3/ 1 year only. 4/ 3-year average. 5/ 4-year average. 6/ 2-year average. 7/ Estimate of total lime production. 8/ Official figures. Apparently practically all of the lime production of Egypt is consumed in that country. Estimates for earlier years are not available.

WORLD: Exports of lime juice and lime oil by countries, annual 1928-36

Commodity and country from which exported	Calendar year								
	1928	1929	1930	1931	1932	1933	1934	1935	1936
	1,000 Gal.	1,000 Gal.	1,000 Gal.	1,000 Gal.	1,000 Gal.	1,000 Gal.	1,000 Gal.	1,000 Gal.	1,000 Gal.
Lime juice, raw and concentrated:									
St. Lucia	31	62	21	17	7	16	14	1	3
Dominica	397	511	235	97	43	110	82	51	1/
Montsonat	34	18	6	23	29	49	18	80	1/
Grenada	19	11	1/	1/	1/	3	1/	1/	1/
Trinidad	1/	55	69	1/	35	4	13	16	70
Jamaica	1/	1/	1/	28	36	34	21	40	13
Antigua	1/	2	1	9	4	7	3	2/	1/
Lime oil Ecquelled and distilled									
St. Lucia	2	1	1	1	1	1	1	1/	1/
Dominica	5	5	4	2	2	1	1	1	1/
Grenada	1	1	1	1	1	2/	1/	1/	1/
Trinidad	1/	2/	2	1/	2/	2/	2/	1	1
British Guiana ..	2/	1	1	1	1	1	1/	1/	1/

Compiled by the Bureau of Agricultural Economics from Colonial Reports, United Kingdom, and Consular reports.
1/ Not available. 2/ Less than 500 gallons.

UNITED STATES: Imports of fresh limes by countries and ports of entry, average 1927-31, 1932-36, annual 1934-37

Country and port	Year ended June 30					
	Average 1927-31	Average 1932-36	1934	1935	1936	1937
	Boxes	Boxes	Boxes	Boxes	Boxes	Boxes
Country						
Dominica, British West Indies	38,458	11,713	7,364	3,913	6,788	7,084
Mexico	29,703	75,691	62,331	95,167	126,584	139,344
Jamaica, British West Indies	5,347	5,694	2,825	2,298	6,209	9,278
St. Lucia	2,392	8,079	6,296	10,529	11,018	5,109
Dominican Republic	667	499	89	211	1,860	999
Costa Rica	205	25	4	0	12	0
Trinidad, British West Indies	133	1,345	2,428	1,592	953	1,855
Other British West Indies	93	2,487	3,288	4,958	2,335	600
Cuba	40	644	121	671	1,335	4,613
Guatemala	0	1/	0	0	1/	0
Haiti	3	119	41	196	265	211
Honduras	8	193	496	230	108	9
Nicaragua	0	9	10	0	0	0
Other countries	218	336	278	236	224	157
Total	77,757	106,839	85,371	125,001	158,796	169,258
Port						
New York	45,197	30,684	23,631	29,570	32,842	30,033
Laredo	20,133	47,909	42,392	63,454	75,697	84,159
Los Angeles 2/	3,522	3,022	9,146	9,685	5,267	4,284
Eagle Pass	4,268	9,792	6,984	13,309	14,823	13,812
New Orleans	2,380	390	126	93	190	346
El Paso	1,384	5,069	1,581	3,931	15,993	19,906
Boston	174	875	256	1,044	2,201	1,651
Brownsville	101	2,052	1,069	3,089	5,373	4,396
Nogales	84	1,164	82	304	4,763	9,560
San Francisco	122	399	483	136	753	440
Others	392	505	121	356	879	1,671
Total	77,757	106,839	85,371	125,001	158,796	169,258

Compiled by the Bureau of Agricultural Economics from the annual reports of the Chief of the Bureau of Entomology and Plant Quarantine. Converted from pounds to boxes of 76 pounds.

1/ Less than one-half box. 2/ 1936 and 1937 reported as San Pedro (harbor of Los Angeles).

UNITED STATES: Imports of fresh limes by months and principal countries, average 1927-31 and 1932-36, annual 1934-37

Months and countries	Year ended October 31					
	Average 1927-31	Average 1932-36	1934	1935	1936	1937
	Boxes	Boxes	Boxes	Boxes	Boxes	Boxes
By months						
November	2,766	3,007	1,737	4,665	4,243	4,245
December	2,135	3,445	3,655	4,329	5,299	5,700
January	2,463	2,468	1,092	2,897	4,532	3,414
February	2,543	2,191	1,260	1,543	4,839	4,136
March	2,828	3,079	2,088	3,545	6,967	8,614
April	4,324	5,501	6,159	6,203	8,593	11,849
May	7,720	8,370	7,357	7,591	14,420	13,858
June	9,731	15,389	14,043	13,268	27,004	33,847
July	13,044	15,282	16,273	23,030	24,173	20,628
August	11,336	14,427	12,893	19,732	26,401	22,362
September	5,752	5,455	3,912	5,819	10,651	13,560
October	3,563	3,519	2,668	4,984	6,250	5,687
Total	68,200	82,333	73,137	97,414	143,372	147,900
By countries						
Mexico	1/	1/	1/	1/	114,335	119,845
Cuba	1/	1/	1/	1/	2,491	3,935
Trinidad and Tobago	1/	1/	1/	1/	1,844	704
Other British West Indies	1/	1/	1/	1/	15,176	12,029
Jamaica	1/	1/	1/	1/	7,735	9,478
Others	1/	1/	1/	1/	1,791	1,909
Total	1/	1/	1/	1/	143,372	147,900

Compiled by the Bureau of Agricultural Economics from official sources. Converted from pounds to boxes of 76 pounds.

1/ Not available.

CANADA: Imports of raw and concentrated lime juice (not refined) by months and principal countries of origin, 1934-37

Month	Year ended October 31							
	1934				1935			
	Total	United Kingdom	United States	Other British West Indies	Total	United Kingdom	United States	Other British West Indies
	Gallons	Gallons	Gallons	Gallons	Gallons	Gallons	Gallons	Gallons
November	533	0	0	533	6,424	0	0	6,424
December	101	0	0	101	1,748	0	0	1,748
January	195	49	0	146	0	0	0	0
February	0	0	0	0	0	0	0	0
March	491	0	0	491	597	597	0	0
April	1,183	210	0	973	910	0	0	910
May	3,060	1,443	24	1,593	1,923	0	8	1,915
June	859	150	0	709	1,449	42	0	1,407
July	2,987	430	0	2,557	2,397	0	0	2,397
August	4,484	469	0	4,015	3,762	0	0	3,762
September	5,232	0	26	4,968	1,085	0	2	1,083
October	90	0	0	90	7,212	0	0	7,212
Total	19,215	2,751	50	16,176	27,507	639	10	26,858
	1936				1937			
November	8,658	0	0	8,388	18,984	0	0	18,984
December	55	51	4	0	2,862	0	90	2,772
January	2,207	0	8	2,199	2,158	0	0	2,158
February	419	0	84	335	42	0	42	0
March	2,870	0	25	2,845	294	0	0	294
April	260	97	0	163	2,737	0	0	2,111
May	3,675	0	42	3,564	1,735	0	95	151
June	2,579	0	125	2,454	4,873	0	0	4,778
July	3,931	0	192	2,739	3,908	0	300	2,697
August	5,308	0	208	4,010	3,207	0	120	3,087
September	4,561	0	41	4,520	1,265	0	0	1,041
October	13,060	0	0	13,060	1/	1/	1/	1/
Total	46,633	148	729	43,327	42,065		647	38,073

Bureau of Agricultural Economics. Compiled from Quarterly Report of Trade of Canada. 1/ Not available.